Contents

Volume 59 (1991)

- 1	AT-	•

140. 1	*
J.A. Teruel, F. Soler and J.C. Gómez-Fernández (Murcia, Spain), On the effect of lysophosphatidylcholine, platelet activating factor and other surfactants on calcium permeability in sarcoplasmic reticulum vesicles	
J. Villalain and M. Prieto (Murcia, Spain and Lisbon, Portugal), Location and interaction of N-	
(9-anthroyloxy)-stearic acid probes incorporated in phosphatidylcholine vesicles E. Perochon, A. Lopez and J.F. Tocanne (Toulouse, France), Fluorescence properties of methyl 8-(2-anthroyl)	
octanoate, a solvatochromic lipophilic probe	1
with surfactant lipids	2
H. Mozaffary (Stockholm, Sweden), On the sign and origin of the surface potential of phospholipid monolayers S.D. Stamatov and S. Gronowitz (Plovdiv, Bulgaria and Lund, Sweden), Phosphocholine-like derivatives of	. 3
some steroids via their 1,2-cyclic monoalkyl-rac-glycerothiophosphates	4
micelles and multilayers — an infrared spectroscopic study	5
for phospholipase C from Clostridium perfringens	69
glycerol · HCl: a diglyceride prodrug	7: 8:
Short communications	
R.L. Glass (Beltsville, MD), Effect of herbicides on phase transitions of dipalmitoyl phosphatidylcholine vesicles B. Dayal, G. Salen and V. Dayal (Newark and Raritan, NJ), The use of microwave oven for the rapid hydrolysis	9
of bile acid methyl esters	9
Announcement	103
No. 2	
D. Acquotti, G. Fronza, E. Ragg and S. Sonnino (Milan, Italy), Three dimensional structure of GD1b and	
GD1b-monolactone gangliosides in dimethylsulphoxide: a nuclear Overhauser effect investigation supported by molecular dynamics calculations	107
A. Delgado, M. Ruiz, F. Camps, S. Hospital and A. Guerrero (Barcelona, Spain), Synthesis of potential inhibitors of the biosynthesis of the sex pheromone of Spodoptera littoralis. Part I: Monofluorinated fatty	107
acids	127
G. Klose, B. König, V.I. Gordeliy and G. Schulze (Leipzig and Merseburg, F.R.G. and Moscow, U.S.S.R.), Incorporation of phosphonic acid diesters into lipid model membranes. Part II. X-ray and neutron diffraction	137
P. Tchoreloff, A. Gulik, B. Denizot, J.E. Proust and F. Puisieux (Chatenay Malabry, Gif-sur-Yvette and	137
Angers, France), A structural study of interfacial phospholipid and lung surfactant layers by transmission electron microscopy after Blodgett sampling: influence of surface pressure and temperature	151

M. Hofer, R.Y. Hampton, C.R.H. Raetz and H. Yu (Graz, Austria, Madison, WI and Rahway, NJ), Aggregation behavior of lipid IV _A in aqueous solutions at physiological pH. 1: Simple buffer solutions	167
C.A. Brearley, N.A. Hodges and C.J. Olliff (Brighton, U.K.) Membrane specificity of non-monotonic trends in cation-mediated injury to rapidly frozen phospholipid vesicles	183
A. Ambrosini, E. Bertoli, F. Tanfani and G. Zolese (Ancona, Italy), Effect of the fungicides tributyltin acetate and tributyltin chloride on multilamellar liposomes: fluorescence studies	189
No. 3	
E.A. Disalvo (La Plata, Argentina), Optical properties of lipid dispersions induced by permeant molecules R. Korth and M. Middeke (Munich, F.R.G.), Long time incubation of monocytic U 937 cells with LDL	199
increases specific paf-acether binding and the cellular acetylhydrolase activity	207
metric isomers	215
properties of glycolipid species in Rhodococcus rhodochrous	225
dipalmitoylphosphatidylglycerol bilayers by vibrational spectroscopy	233
phosphatidylcholine (SOPC) in model membranes	245 255
Short communications	
A.N. Pinchuk, B.I. Mitsner and V.I. Shvets (Kharkov and Moscow, U.S.S.R.), 1-O-benzyl-2-O-methyl-rac-glycerol: a key intermediate for synthesis of ether glycerolipids	263
F. Mergen, D.M. Lambert, J.H. Poupaert, A. Bidaine and P. Dumont (Brussels, Belgium), Synthesis of 1,3-diacylaminopropan-2-ols and corresponding 2-acyl derivatives as amide isosteres of natural	203
lipids	267
Subject Index — Volume 59	273
Author Index — Volume 59	277
Contents — Volume 59	279

